

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT**

Docket Number:
85940/15

Application Number
08/928,893

Filing Date
September 12, 1997

Examiner
D. Naff

Art Unit
1808

Invention Title
**PROCESS FOR THE SIMULTANEOUS
PRODUCTION OF XYLITOL AND ETHANOL**

Inventor(s)
Heikkila et al.

Address to:
Assistant Commissioner for Patents
Washington D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on

Date: **7-8-99**

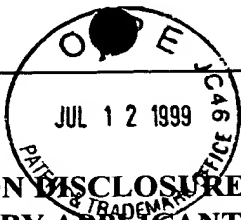
Signature: *Donna M. Praiss*
Donna M. Praiss (Reg. No. 34,232)

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicants hereby bring the attached references to the attention of the Examiner. These references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. No fee is believed to be required upon submission of this information disclosure statement because a first Official Action in this continuation application has not yet been received. However, should it be determined that a fee is required, the Commissioner is hereby authorized to charge payment of the fee to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**. A duplicate copy of this communication is enclosed for charging purposes.
3. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed.

Dated: **7-8-99**

By: *Donna M. Praiss*
Donna M. Praiss (Reg. No. 34,232)

KENYON & KENYON
One Broadway
New York, N.Y. 10004
(212) 425-7200 (telephone)
(212) 425-5288 (facsimile)



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STATEMENT BY APPLICANT**

ATTY. DOCKET NO.
85940/15

SERIAL NO.
08/928,893

APPLICANT
Heikkila et al.

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GROUP
1808

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE

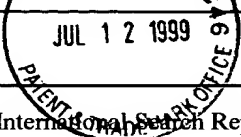
Duplicate

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO-A1-88/05467	July 28, 1988	PCT				

OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Dorfner, K., Ion Exchangers, Properties and Applications, Ann Arbor Science Publisher Inc., pp. 44-45.
	Duolite C 464, Weak Acid Cation Exchange Resin, February 1981, 3 pages.
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	Allenza, P., Scherl, D., and Detroy, R., Hydrolysis of Xylan by an Immobilized Xylanase from <i>Aureobasidium pullulans</i> , Biotechnology and Bioengineering Symp. No. 17 (1986) pp. 425-433.
	Jenq, C.Y., Wang, S.S. and Davidson, B., Ultrafiltration of Raw Sewage Using an Immobilized Enzyme Membrane, Enzyme Microb. Technol., April 1980, Vol. 2, pp. 145-147.
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	Weckstrom, L. and Leisola, M., Enzymatic Hydrolysis of Hemicellulose From Bisulfite Waste, Proc. Int. Ferment. Symp., 1981, Vol. 2, pp. 21-26.
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	International Preliminary Examination Report for PCT/FI91/00011 and Official Action for FI 900220.

EXAMINER INITIAL	 AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.	
	International Search Report for PCT/FI90/00015.	
	Hyrkas et al., Heran Laktoosin Hydrolyysi Immobilisoidulla β -Galaktosidaasilla, 1974, pp. 38-47 and English language summary and translation of abstract.	
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	Onishi et al., The Production of Xylitol, L-Arabinitol and Ribitol by Yeasts, Agr. Biol. Chem., Vol. 30, No. 11, 1996, pp. 1139 and 1144.	
	Weckstrom, L. and Leisola, M., Enzymatic Hydrolysis of Hemicellulose From Bisulfite Waste, Abstract 96:124760z, Wood Products, Vol. 96, 1982.	
EXAMINER	DATE CONSIDERED	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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